

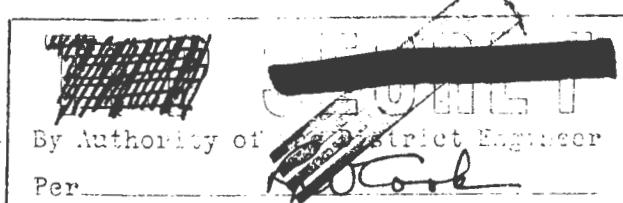
M DH- 6 (Supplement)

CLASSIFICATION CANCELLED
OR CHANGED TO
BY AUTHORITY OF DOE/DPC
LENARD M. SAFRAKSKI
REVIEWED BY <i>[Signature]</i>
DATE <i>7/13/78</i>

Classification Cancelled or Changed
TO Sec By Aut

By heavy pen pressure *as*
Rank *Date*

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
SEARCHED INDEXED SERIALIZED FILED VIEWER (DD DR SO-78)	DETERMINATION (CIRCLE NUMBER(S)) <input checked="" type="checkbox"/> 1. CLASSIFICATION RETAINED <input checked="" type="checkbox"/> 2. CLASSIFICATION CHANGED <input type="checkbox"/> 3. CONTAINS NO DOE CLASSIFIED INFO <input type="checkbox"/> 4. COORDINATE WITH <input type="checkbox"/> 5. CLASSIFICATION CANCELED <input type="checkbox"/> 6. CLASSIFIED INFO BRACKETED <input type="checkbox"/> 7. OTHER (SPECIFY):
SEARCHED INDEXED SERIALIZED FILED VIEWER (DD DR SO-78)	D.D.
INITIALS <i>GERALD W. HROTHERS</i>	
DATE <i>10-2-05</i>	



This document consists of 2 pages
No. 2 of 4 copies, Series a

R. W. COOK XIII-26

Lt. Col., Corps of Engr.

MANHATTAN DISTRICT HISTORY

BOOK VI - LIQUID THERMAL DIFFUSION (S-50) PROJECT

TOP SECRET SUPPLEMENT

1946
Specified Data
Classification Required

~~SECRET~~
MANHATTAN DISTRICT HISTORY
BLOCK VI - LIQUID THERMAL DIFFUSION (S-50) PROJECT

TOP SECRET SUPPLEMENT

1. Milking Capsules. - The metering capsule on most circuits was of one pound capacity. In some cases it was found that a 1-1/2 pound capsule could be used with little or no reduction in milking schedule. The receiver capsule was of five pound capacity.
2. Shipping Containers. - The containers used for shipment of S-50 product to other CEW plants were of sixty pound capacity.
3. Milking Schedules. - Normally one pound of product was withdrawn from each circuit every 4-3/4 hours. The scheduled daily output of each rack, with four circuits and one pound metering capsules, was thus twenty pounds of product.

4. Plant Production Table.

<u>Month</u>	<u>Output of Product (pounds)</u>
October 1944	10.5
November	171.8
December	157.5
January 1945	840.9
February	3158.0
March	6004.4
April	9083.8
May	9299.4
June	12730.1
July	3381.8
August	3879.0
September	2786.8
Total	56504.0

~~SECRET~~ 10-18
Data
Control
Required

5. Unit Cost. - By combination of the table above with the table in Section 5-10, the following unit costs are calculated:

<u>Month</u>	<u>Unit Cost (\$/lb.)</u>
January 1946	553
February	220
March	130
April	125
May	80
June	58
July	177

